## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION PAPERS

OF

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**FOR** 

**Audio Signal Processors** 

## ABSTRACT OF THE DISCLOSURE

An audio signal processor modifies audio signal components over the whole of the frequency range DC to greater than 24kHz. Preferably the signals are in 1-bit form with a sampling rate in the range about 198kHz to about 2.8 MHz.